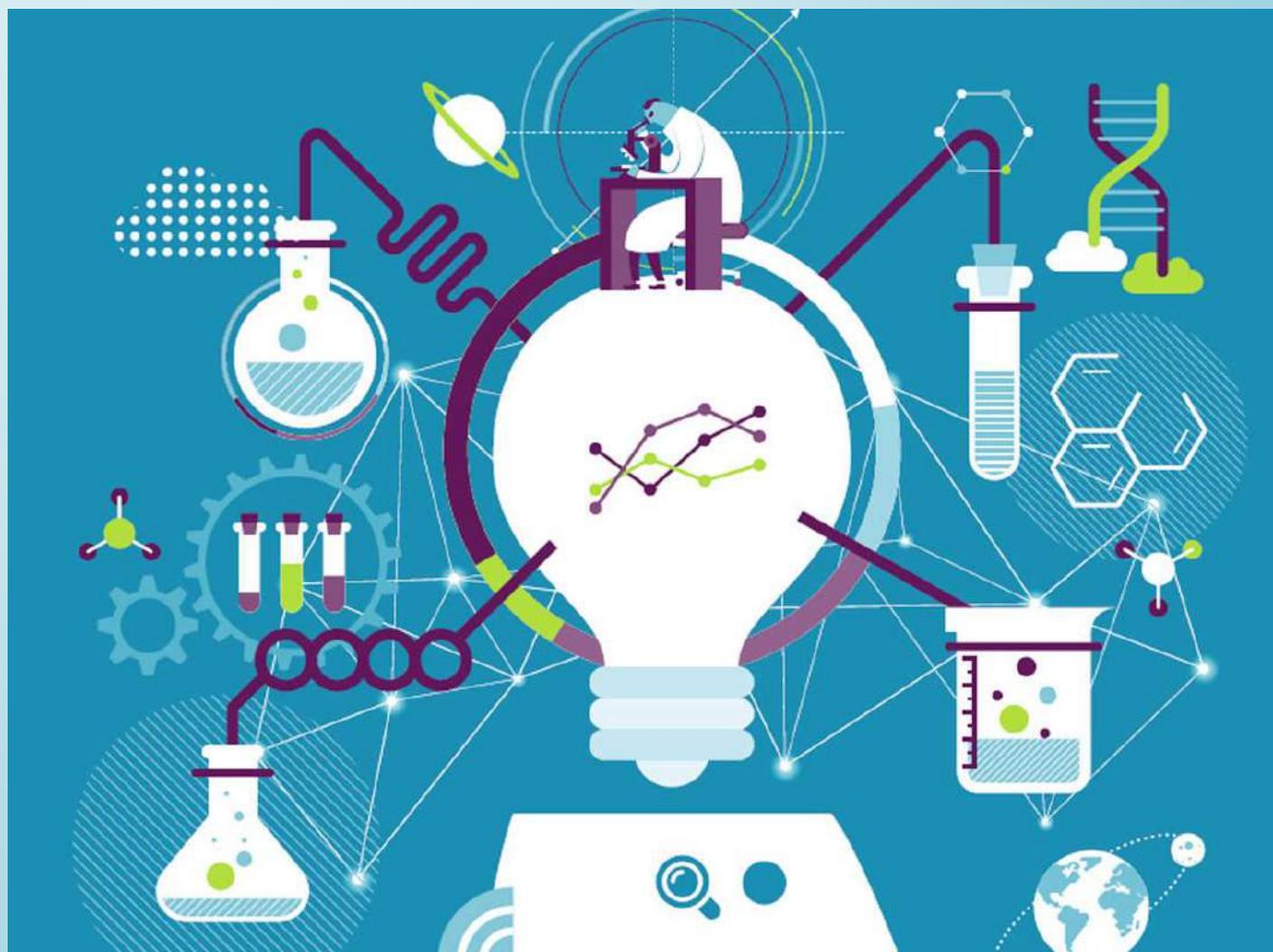




THE SCIENCE SPIN

AN ANNUAL NEWSLETTER (VOLUME-7)

2021-22



Department of Sciences

KAMLA NEHRU COLLEGE FOR WOMEN

Re-accredited with Grade "A++" (3.55/4.00 CGPA) by NAAC, Bangalore
College with Potential for Excellence by UGC, New Delhi

Star College Status in Sciences by DBT, New Delhi



**Smt. Kamala
Nehru (1899-
1936)**

OUR VISION

**To blossom as one
of the Leading and Most
Preferred Institutes with
Earnest endeavors to
enhance its quality in imparting
excellent education-
vocational & competitive to
the highest academic
standards with full devotion
and dedication.**

OUR MISSION

**To Nurture, Nourish and
Chisel our girls into a host of
Well-shaped Individuals-
Self-reliant,
Self-sufficient and Responsible
Citizens, leading to the
upliftment of the society.**



It gives me immense pleasure to know that Department of Sciences, Kamla Nehru College for Women, Phagwara is bringing out the Science Newsletter “The Science Spin” for the sessions 2021-2022. I extend my heartiest congratulations to the Principal and entire team of the Department on this prime occasion. I am sure that they will be steadfast in their efforts and this newsletter will be a regular feature in the upcoming years as well.

**Mr. Dhiraj Sardana
President**



I am pleased that the Department of Sciences is releasing its annual newsletter “The Science Spin”. It is a praiseworthy step to initiate this newsletter as it will disseminate scientific knowledge among the faculty members as well as the students. I congratulate the entire team of the Department for bringing out the newsletter of sessions 2021-2022 and convey my best wishes for the forthcoming editions of the newsletter too.

Dr. Savinder Pal

Principal



I am extremely delighted to note that Department of Sciences, Kamla Nehru College for Women, Phagwara is releasing another issue of Annual newsletter “The Science Spin”. Ever since its inception, this department has been rendering yeoman service in teaching as well as in research. Its huge contribution in meeting the objectives has coned it to be the foremost

Department in the district. In the extremely competitive era of present times, no institute can afford to rest on its laurels. On the contrary, it has to get its act together continuously to fulfill the goal of scaling newer heights. I congratulate the College Principal, Dr. Savinder Pal and entire faculty of Science Department for their consistent efforts and being equally dynamic to make its release a spontaneous feature. I hope this newsletter will go a long way to boost the students and ignite their interest in science subjects.

**Dr. Yogesh
Pakade
Senior
Scientist
Cleaner Technology and Modeling
Division CSIR-National Environmental Engineering
Research Institute
Nagpur**



*I am immensely delighted to learn that Department of Sciences, Kamla Nehru College for Women, Phagwara is keeping the word of bringing out another issue of its annual newsletter “**The Science Spin**”. It is commendable to share that earlier issues of this magazine reflects the true glimpses of various activities such as academic, co- curricular and extracurricular ones being carried out by the Department of Science of Kamla Nehru College throughout the session.*

Witnessing numerous changes in varied fields of Science and Technology in the present era, teaching fraternity certainly require to endeavor interminably to deliver prolific means to education and equip the students with such skills that provide them opportunities where they can fulfill their vision for future. As annual newsletter is a real refection to highlight the achievements to all students as well as faculty members, it will definitely boost them to achieve more and more. I heartily congratulate the Principal and entire team of science department and wish that they will push all the stops in the times to come to bring more laurels to the departments as well as the college.

Dr. Jatinder Kaur
Associate Professor
and
Head, Department of
Botanical &
Environmental
Sciences
Guru Nanak Dev University, Amritsar



I am glad to inform you that Department of Sciences of Kamla Nehru College for Women, Phagwara is releasing its annual newsletter “The Science Spin”. This attempt by the Department is worth appreciating. I am thankful to all the faculty members of the Department for helping me in bringing out this unique newsletter. I am grateful to the Principal for her regular guidance and supervision while working on the news bulletin.

**Ms. Priyanka Head,
Department of Sciences**



I am glad to inform that Department of Sciences, Kamla Nehru College for Women, is releasing 5&6 volume of News Bulletin “The Science Spin.” It is prime attempt by the entire department and worth appreciating. I am thankful to all faculty members of the department for their sincere efforts and grateful to the Principal Mam for guidance and supervision.

**Ms. Manvinder Kaur
Assistant Professor in
Botany**

“The important thing is to never stop questioning.”

DEPARTMENT OF SCIENCES

The Department of Sciences gained recognition in the year 2004 and since then it has been functioning as a significant part of the institute. Presently the department is offering bachelor courses in Medical, Non–Medical and Computer Science with an additional course in Biotechnology (Certificate, Diploma and Advance Diploma). With the passage of time, the department has grown itself not only in the field of academics but also in various research programs.

Different Courses offered by the Department

- B.Sc. in Medical
- B.Sc. in Non-Medical
- B.Sc. in Computer Science
- Add on course in Biotechnology (Certificate, Diploma and Advanced Diploma)

“STAR COLLEGE STATUS”

The department of sciences has the proud and rare honor to be under “Star College Scheme” by Department of Biotechnology (DBT), New Delhi and approaching remarkable milestones day by day into its credit.

The department has utilized this grant for the constructive missions like upliftment of basic infrastructure including:

- Smart Class Rooms
- Upgradation of Laboratories with sophisticated equipments
- Inclusion of new plant species in Botanical Garden
- Vermiculture Unit
- Reconstruction of Green House



Center: Dr. Savinder Pal (Principal)

Left to Right: Ms. Shreya Jain, Ms. Riya Verma, Ms. Manvinder Kaur, Ms. Priyanka, Ms. Priya Sharma, Ms. Pinky

FACULTY OF SCIENCE DEPARTMENT

MATHEMATICS

Name: Ms. Priyanka

Designation: Assistant Professor (Head of the Department)

Qualification: M.Sc. (Hons.), M.Phil, B.Ed

Area of Specialization: Differential equation, Algebra

Publications: 01 (International)

Seminars/Webinars/Conferences/Workshops

Attended: 18 (01-International; 17-National)

Email: shanaya9may2014@gmail.com



- **Name:** Ms. Shreya Jain

Designation: Assistant Professor

Qualification: M.Sc., B.Ed (CSIR-UGC-NET) qualified

Area of Specialization: Analysis, Discrete Mathematics

Seminars/Webinars/Conferences/Workshops

Attended: 13 (National)

Email: shreyaj672@gmail.com



CHEMISTRY

- **Name:** Ms. Pinky

Designation: Assistant Professor

Qualification: M.Sc., B.Ed

Area of Specialization: Organic Chemistry

Seminars/Webinars/Conferences/Workshops

Attended: 11(National)

Email: pinkysingh726@gmail.com



BOTANY

- **Name:** Ms. Manvinder Kaur

Designation: Assistant

Professor **Qualification:**

M.Sc., B.Ed.

Area of Specialization: Arid Zone Ecology

Publications: 01 (National)

Seminars/Webinars/Conferences/Workshops

Attended: 16(01- International, 15-National)

Email: mkmanvinder123@yahoo.com

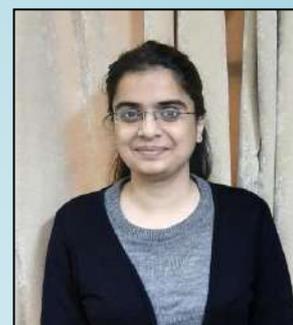


- **Name:** Ms. Supriya Lamba
Designation: Assistant Professor
Qualification: M.Sc., B.Ed
Area of Specialization: Entomology
Seminars/Webinars/Conferences/Workshops Attended: 14 (01-International; 13-National)
Email: supriyalamba1996@gmail.com



ZOOLOGY

- **Name:** Ms. Riya Verma
Designation: Assistant Professor
Qualification: M.Sc, B.Ed
Area of Specialization: Entomology
Seminars/Webinars/Conferences/Workshops Attended: 14 (01-International; 13-National)
Email: riaverma199010@gmail.com



PHYSICS

- **Name:** Ms. Isha Bhardwaj
Designation: Assistant Professor
Qualification: M.Sc.
Area of Specialization: Nuclear and Particle Physics
Seminars/Webinars/Conferences/Workshops Attended: 08
Email: ishabhardwaj913@gmail.com
- **Name:** Mrs. Prabhjeet Kaur
Designation: Assistant Professor
Qualification: M.Sc., B.Ed
Area of Specialization: Quantum mechanics
Seminars/Webinars/Conferences/Workshops Attended:
Email:-

“A Scientist is not a person who gives the right answers; he is one who asks the right questions.”

INFRASTRUCTURE

Teaching science is not only confined to classroom teaching, but it is fully based on the exposure of the students that they can get outside the classroom. Keeping this in mind, the department has different Labs, Smart classrooms, Botanical garden, Vermiculture, Green house etc. where students of the department can get firsthand experience to enhance their knowledge.

(I) Laboratories

The Department consists of well established, fully equipped and modernized laboratories in the fields of Botany, Biotechnology (Tissue culture lab and Instrumentation lab), Zoology, Chemistry and Physics. Various sophisticated equipment include, UV-VIS spectrophotometer, potentiometer, laminar airflow, BOD incubator and seed germinator. The students make appropriate use of the same and grab unprecedented opportunities for interdisciplinary collaboration.



Botany Lab



Zoology Lab



Biotechnology Lab



Chemistry Lab



Optics Lab



Physics Lab

(II) SMART CLASS ROOMS

The Department also owns one smart class room promoting digital education to students. The staff makes use of this platform and uses all interactive modules like videos and power point presentations for students. These modules are eye catching, fast and effective. The students are also in return engrossed in digital training to harness heir potential and build confidence.



Smart Classroom

(III) BOTANICAL GARDEN

The practical knowledge of flora and fauna is imparted to the students through Botanical Garden and Green House.

Botanical garden of the department consists of different plant varieties along with some microorganisms. The setup is fully based on the Bentham and Hooker system of classification. It also contains a separate rose garden and cactus garden in which different species of rose and cacti are present. Along with this, it have aquatic pond for the growth of various aquatic plants i.e. hydrophytes and microorganisms. There are various parallel project plans running in the botanical garden:

- **Vermiculture unit** - In this unit, organic manure is prepared using earth worms, cow dung and various plant litters which are subsequently used in garden and campus lawns to ensure organic farming.
- **Vermiwash unit** - This unit has been successfully running where bio pesticides are generated and supplied to the plants as alternative to the inorganic fertilizers.
- **Preparation of potash alum from waste aluminum foil** - The waste aluminum foil of the campus is used to generate potash alum which is used as a toilet cleaner. This chemical is also used in chemistry lab for various experimental purposes.



Botanical Garden



Vermiculture Unit



Vermiwash Unit



Preparation of Potash Alum

(I) GREEN HOUSE:

The department also has a green house where plants which require particular climatic conditions are grown. Students are assigned to work and clean the green house and utilize it for the academic curriculum.



Green House

Various activities carried out by the department

➤ Co-Curricular activities of Department:

Taking into consideration of student's holistic development, the department also motivates the students to participate in inter-college as well as intra-college activities held time to time. All these activities help the students to enhance their knowledge and creativity.

SESSION 2021-22

1. EDUCATIONAL VISIT INSTRUMENTATION LAB ,LPU

The department of Science organised an educational trip to Instrumentation Labs, Lovely Professional University ,Phagwara, April 22, 2022. The students were shown various instruments like autoclave, spectrophotometer, laminar air flow etc.



2. NATIONAL MATHS DAY

Science department of Kamla Nehru College for Women, Phagwara celebrated “National Maths Day” on March 03, 2022. Students of the science department presented a powerpoint presentation based on the theme “Mathematics Around Us”. The main motive of this celebration was to aware students about the applications of mathematics in daily life.



3. OZONE DAY CELEBRATION

The department of Science organised a rally on “The Depletion of Ozone Layer” in the college campus on Sep 15, 2021, creating awareness about the problems faced due to ozone layer depletion. They also motivated other students to lessen the use of harmful components which are responsible for ozone depletion.



3. BEST OUT OF WASTE EXHIBITION

The department of Science organised an exhibition on the theme BEST OUT OF WASTE on Feb 28, 2022. The main motive of this exhibition was to create awareness among students on environment conservation and to inculcate habits of minimization of waste.



4. SPECIAL LECTURE ON GREEN AUDIT IN HEI_s

Department of Science organized a virtual special lecture on "Environmental Issues and Green Audit in higher educational institutes" I on google meet on Oct 13, 2021. In this online Lecture, Dr. Ashwani Luthra, Director IQAC, GNDU acted as the Resource Person and threw the light on various ongoing projects for sustainable growth.

Environmental Challenges and Green Audit in HEIs

Dr. Ashwani Luthra
Director, Internal Quality Assurance Cell
Professor, Guru Nanak Dev School of Planning
Coordinator, Centre for Sustainable Habitat
Guru Nanak Dev University, Gurdwara, India
ashwani_luthra@gndu.ac.in
91 98557214

Ashwani
Piyanka
Dr. Sainder

Guru Nanak Dev University Auditor
Second largest educational Government University of India

- Established Apr-14-1962
- Area 200 Hectares
- Conducted Area 13.14 hect
- Student Strength 12000 approx

Green Campus Initiatives

- Green spaces and tree tree cover
- Green mobility & walkability
- E-campus (online)
- Waste management and reuse
- Zero waste
- Green buildings
- Public participation

Water Management and Reuse

Separate storm water and sewerage networks.

Rain Harvesting

- 10000 sq. ft. - organized team to capture rainwater from campus roofs.
- 10000 sq. ft. - roof top area and gutters set along the roads.
- Levels of water lower than the tanks - rainwater not able to run down.
- 2 0000 tanks - in botanical garden, and in near sewerage junction.
- Darken color of the tank is displayed at its outlet.

Water Reuse after Treatment

- Dark sewerage treatment pond
- Trashed through used only.

Urban Environmental Challenges

Jaskirat Kaur
Piyanka
Dr. Sainder

Extension Lectures/Workshops Organized:

➤ SESSION 2021-2022

Apart from the heavy loaded curriculum, extra knowledge is provided to students in the form of various webinars and workshop held time to time by the experts of national or international repute.

Sr. No	Topic	Organized By	Name of the expert	Designation
1.	Environmental Issues and Green Audit in HEI's	Department of Science	Prof. Ashwani Luthra	Director, IQAC, Coordinator Centre for Sustainable Habitat, Dean, Faculty of Physical Planning and Architecture, G.N.D.U., Amritsar
2.	Detection of DNA by Gel Electrophoresis	Botany Department	Dr. Minhaj Khan	Assistant Professor, Lovely Professional University, Phagwara.
3.	Bead Technology for Waste Removal : Synthetic Biological System	Zoology Department	Dr. Joydeep Dutta	Professor and Head, Department of Botany and Zoology, Lovely Professional University, Phagwara.

Intra-college competitions

❖ SESSION 2021-2022

1. NATIONAL SCIENCE DAY 2022

Department of Science celebrated **NATIONAL SCIENCE DAY** on Feb 28, 2022 under the theme-“**INTEGRATED APPROACH OF SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT**” in which students actively participated in various events like **Declamation, Model Presentation, Collage Making, Rangoli Making, Best out of waste, Poster Presentation and Cooking without fire.**



2. WORLD'S WATER DAY:

Department of science, Kamla Nehru College for Women, Phagwara celebrated **WORLD'S WATER DAY** in which students represented powerpoint presentation, posters and slogans. The main motive of this event was to make students aware about the decreasing quality and amount of drinking water and the ways to conserve water.



3. WORLD HEALTH DAY:

Department of Science celebrated *WORLD HEALTH DAY* on April 8, 2022 in which students actively participated in various online events like powerpoint presentation and calligraphy under the theme “*OUR PLANET, OUR HEALTH*”



4. WORLD EARTH DAY:

Department of Science celebrated *WORLD'S EARTH DAY* on April 22, 2021 where our principal Dr. Savinder Pal planted trees to celebrate this day and addressed the student to plant atleast one tree in a year and to adopt it for lifetime. Students also participated in poster presentation.



5. WORLD ENVIRONMENT DAY:

Department of Science celebrated *WORLD'S ENVIRONMENT DAY* on June 05, 2022 in which students actively participated in various online events like Poster Making, Slogan Writing and Potted Plant Competition.



Inter- College Competitions

- Khalsa College, Amritsar organized an inter college competition in which 360 participants of 25 educational institutions of Punjab, participated out of which our students got prizes in various activities..

Sr. No	Name	Event	Prize
1.	Garima Khurana	Declamation Competition	Consolation
2.	Shivangi	Poster Making	Consolation
3	Jaskirat	Rangoli	Consolation
4	Lakshmi	Rangoli	Consolation



- Department of Physics, Guru Nanak Dev University, Amritsar organized seven days week festival (22nd to 28th Feb, 2022) under the title of “Vigyan Sarvatra Pujyate” in which our students participated and won various prizes.

Sr. No	Name	Event	Prize
1.	Nitika & Gursimran	Poster Presentation	Third



- National Mathematics Day was celebrated by P.G. department of Mathematics, Lyallpur Khalsa College, Jalandhar in which students participated in rangoli making and poster presentation and won prizes.

Sr. No	Name	Event	Prize
1.	Shivangi and Kariti	Poster Presentation	Third



- National Science Day was organized by Lyallpur Khalsa College, Jalandhar in which students participated and won prizes in rangoli poster presentation and powerpoint presentation.

Sr. No	Name	Event	Prize
1.	Gursimran	Poster Presentation	First
2.	Nitika	Poster Presentation	Second
3.	Manjot	Poster Presentation	Third
4.	Amanpreet & Manjot	Rangoli	First
5.	Sanjana	Powerpoint Presentation	Second



GREEN SQUAD

Green Squad is a team of B.Sc (Medical) students who keeps regular check to botanical garden as well as to the lawns of college for the maintenance of plants. They not only preserve the old plants but also check the cleanliness of lawns and whole college campus. Moreover, ecofriendly plants have been planted like hyper accumulators and bioremediators.

Teacher Incharges: *Ms. Riya and Ms. Supriya Lamba*

THE TEAM “GREEN SQUAD”

Sr. No.	Class	Name of Students
1.	B.Sc (Medical) Sem VI	Minakshi
2.	Do	Gaganpreet Kaur
3.	Do	Priya Rani
4.	Do	Prabhsharan
5.	B.Sc (Medical) Sem IV	Jyoti
6.	Do	Isha Sharma
7.	B.Sc (Medical) Sem II	Monika
8.	Do	Priyanka Rani



ENERGY SQUAD

Energy Squad is an another team of B.Sc. (Non-Medical) students who promotes the awareness of energy usage and also motivates others on energy wastage issues. The team makes regular visits to all college premises and ensures zero wastage of energy. A new project has been initiated by the “Energy Squad” team in support of conservation where drained water is collected and reused for secondary purposes and for watering the plants. The students also celebrate Earth Hour to spread awareness for the preservation of electrical energy.

Teacher Incharges: *Ms. Isha Bhardwaj, Mrs. Prabhjeet Kaur*

Sr.No .	Class	Name of Students
1.	B.Sc (Non- Med) Sem VI	Amanjot
2.	do	Anjali
3.	B.Sc (C.Sc) Sem VI	Rajvir
4.	do	Poonam
5.	do	Gursharan
6.	B.Sc (Non-Med) Sem IV	Garima
7.	B.Sc (Non-Med) Sem II	Kariti
8.	do	Saloni



Prides of the Department

➤ **Medical Stream**

Sr. No.	Name	Class	Percentage
1.	Gaganpreet Kaur	B.Sc. III	84%
2.	Bhawana	B.Sc. III	82.75%
3.	Prabhsharan Kaur	B.Sc. III	78.75%
4.	Gagan	B.Sc. II	83%
5.	Manroop	B.Sc. II	82%
6.	Simran	B.Sc. II	81.75%
7.	Amanpreet	B.Sc. I	87.25%
8.	manjot	B.Sc. I	85.25%
9.	Gursimran	B.Sc. I	84.5%

➤ **Non-Medical Stream**

Sr. No.	Name	Class	Percentage
1.	Manisha	B.Sc. III	86.25%
2.	Anjali	B.Sc. III	86.25%
3	Karishma	B.Sc. III	85.5%
2.	Vaishali	B.Sc. III	85.5%
3.	Amanjot	B.Sc. III	85.25%
4.	Garima	B.Sc. II	87%
5.	Harman	B.Sc. II	85%
6.	Alka	B.Sc. II	84.25%
7.	Neha	B.Sc. I	85%
8.	Saloni	B.Sc. I	80%
9.	Kariti	B.Sc. I	79%

➤ **Comp. Science Stream**

Sr. No.	Name	Class	Percentage
1.	Rajvir	B.Sc. III	85%
2.	Mandeep	B.Sc. III	85%
3.	Gursharan	B.Sc. III	84.25%
4.	Amrit Kaur	B.Sc. III	77%
5.	Jaskirat	B.Sc. III	77%
4.	Avneet	B.Sc. II	91.25%
5.	Sonia	B.Sc. I	77%



SESSION 2021-2022

Sr. No.	Name	Class	Percentage
1.	Amandeep Kaur	B.Sc. III(Non-Medical)	87.75
2.	Gurleen Kaur	B.Sc. III(Non-Medical)	85
3.	Sunaina	B.Sc. III(Non-Medical)	83.25
4.	Vanshika	B.Sc. III(Medical)	81.25
5.	Sukhwinder	B.Sc. III(Medical)	79.5
6.	Jasmeen	B.Sc. III(Medical)	79.25
7.	Saira Bano	B.Sc. III(Comp Science)	76.25
8.	Navdeep	B.Sc. III(Comp Science)	71.5
9.	Sunita Rani	B.Sc. III(Comp Science)	71



Students Enrolled For Higher Studies

➤ **SESSION 2020-2021**

Sr. No.	Name	Class	Institute
1.	Amandeep Kaur	M.Sc. Chemistry	Guru Nanak Dev University
2.	Tunish	M.Sc. Zoology	D.A.V. College, Jalandhar
3.	Jasdeep Kaur	M.Sc. Physics	Lyallpur Khalsa College, Jalandhar
4.	Esha	M.Sc. Physics	Lyallpur Khalsa College, Jalandhar
5.	Jagpreet	M.Sc. Physics	Lyallpur Khalsa College, Jalandhar
6.	Sunaina	M.Sc. Chemistry	Lyallpur Khalsa College, Jalandhar
7.	Diksha	M.Sc. Chemistry	Lyallpur Khalsa College, Jalandhar
8.	Jaspreet	M.Sc. Maths	Lyallpur Khalsa College, Jalandhar
9.	Gurpreet	M.Sc. Maths	Ramgarhia College of education, Phagwara
10.	Jaskiran	M.Sc. Maths	Lyallpur Khalsa College, Jalandhar
11.	Charvi	L.L.B.	Lyallpur Khalsa College, Jalandhar
12.	Gurleen Kaur	B.Ed	Kamla Nehru College of Education for Women
13.	Sunita	B.Ed	Kamla Nehru College of Education for Women
14.	Monika	B.Ed	Kamla Nehru College of Education for Women
15.	Navneet	B.Ed	Kamla Nehru College of Education for Women
16.	Jasmine	B.Ed	Kamla Nehru College of Education for Women
17.	Vanshika	B.Ed	Kamla Nehru College of Education for Women

Placement

➤ **SESSION 2020-2021**

Sr. No.	Name	Class	Company
1.	Divya	B.Sc Non-Medical	Infosys



**SESSION 2021-2022**

Sr. No.	Name	Class	Institute
1.	Amandeep Kaur	M.Sc. Chemistry	Guru Nanak Dev University
2.	Tunish	M.Sc. Zoology	D.A.V. College, Jalandhar
3.	Jasdeep Kaur	M.Sc. Physics	Lyallpur Khalsa College, Jalandhar
4.	Esha	M.Sc. Physics	Lyallpur Khalsa College, Jalandhar
5.	Jagpreet	M.Sc. Physics	Lyallpur Khalsa College, Jalandhar
6.	Sunaina	M.Sc. Chemistry	Lyallpur Khalsa College, Jalandhar
7.	Diksha	M.Sc. Chemistry	Lyallpur Khalsa College, Jalandhar
8.	Jaspreet	M.Sc. Maths	Lyallpur Khalsa College, Jalandhar
9.	Gurpreet	M.Sc. Maths	Ramgarhia College of education, Phagwara
10.	Jaskiran	M.Sc. Maths	Lyallpur Khalsa College, Jalandhar
11.	Charvi	L.L.B.	Lyallpur Khalsa College, Jalandhar
12.	Gurleen Kaur	B.Ed	Kamla Nehru College of Education for Women
13.	Sunita	B.Ed	Kamla Nehru College of Education for Women
14.	Monika	B.Ed	Kamla Nehru College of Education for Women
15.	Navneet	B.Ed	Kamla Nehru College of Education for Women
16.	Jasmine	B.Ed	Kamla Nehru College of Education for Women
17.	Vanshika	B.Ed	Kamla Nehru College of Education for Women

Placement**SESSION 2020-2021**

Sr. No.	Name	Class	Company
1.	Divya	B.Sc Non-Medical	Infosys

Workshops/Seminars/Webinars attended by Teachers



SESSION 2021-2022

Celebration of Important Days

- “Van Mahotsav” (July1-July7) by planting trees in and outside the college premises.
- “Breast Feeding Week” (Aug1-Aug7) by enlightening the students through informative talks by the team of esteemed experts.
- “Cancer Day” (4 Feb) by imparting informative talks and intra departmental competitions.
- “Science Day” (28 Feb) by hosting different scientific activities.
- “Water Day” (22 March) by organizing rally and various competitions.
- “Health Day” (7 April) by arranging slogan writing competitions.
- “Earth Day” (22 April) by planting trees.
- “Ozone Day” (16 Sep) by fancy dress and poster making competitions.

We are Unique.....

- Smart class room for effective teaching and training
- Extension lectures and Workshops by experts to enlighten our students
- Educational trips/ collection trips to universities and research institutes to provide hand on training to our students
- Research projects by the students to engross them in research
- Class seminars by students via power point presentations
- Regular tests/assignments throughout the course
- Well-equipped laboratories with modern facilities
- Add-on vocational courses
- Competitions for students to motivate them apart from academics

Miles to go.....

- Establishment of Zoological Museum
- Plant Herbarium
- Departmental Library
- Computer Lab

कमला नेहरू कॉलेज में कार्यशाला कराई

भारत नृत्न फगवाड़ा

कमला नेहरू महिला कॉलेज, फगवाड़ा के विज्ञान विभाग ने 'जेल इलेक्ट्रोफोरेसिस से डीएनए का पता लगाना' पर एक दिवसीय कार्यशाला का आयोजन किया। डॉ. मिन्हाज खान एसोसिएट प्रोफेसर, लखनौ प्रोफेशनल यूनिवर्सिटी को रिसोर्स पर्सन के रूप में आमंत्रित किया गया।



कार्यशाला में मुख्य वक्ता को सम्मानित करते कॉलेज अध्यापक।

जेल इलेक्ट्रोफोरेसिस से डीएनए का पता कैसे लगाया जाता है। कैरियर पारमशं और विभिन्न मास्टर पाठ्यक्रमों में छात्रों की नियुक्ति के संबंध में एक व्याख्यान भी दिया। डॉ. सविंदर ने भविष्य में भी ऐसी कार्यशालाएं आयोजित करने के लिए प्रोत्साहित किया। इस मौके पर कॉलेज का समूह स्टाफ और स्टूडेंट्स मौजूद रहे।

संक्रमण के प्रसार के कारण होने वाले एड्स के बारे में जागरूकता लाना था। प्रतियोगिता में लगभग 50 विद्यार्थियों ने भाग लिया। डॉ. सविंदर पाल, कॉलेज के प्राचार्य ने कार्यक्रम के प्रभारी को भविष्य में भी ऐसी आयोजन करने के लिए प्रोत्साहित किया।

कमला नेहरू कॉलेज में करवाए पोस्टर मेकिंग मुकाबले



कमला नेहरू महिला महाविद्यालय के विज्ञान विभाग ने विश्व एड्स दिवस पर 'असमानता और एड्स समाप्त करें' विषय पर पोस्टर मेकिंग और स्लोगन लेखन प्रतियोगिता का आयोजन किया। कार्यक्रम का उद्देश्य छात्रों में एचआईवी

कमला नेहरू कॉलेज में वर्कशाप का आयोजन

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कमला नेहरू कॉलेज फार वुमैन में करवाए गए एन-लिस्ट ट्रेनिंग कार्यशाला का आयोजन।

कमला नेहरू कॉलेज में मनाया राष्ट्रीय विज्ञान दिवस



कमला नेहरू कॉलेज में आयोजित राष्ट्रीय विज्ञान दिवस मौके विभिन्न गतिविधियों की तस्वीरें।

फगवाड़ा, 28 फरवरी (अमनदीप) : कमला नेहरू कॉलेज फार वुमैन के विज्ञान विभाग ने राष्ट्रीय विज्ञान दिवस मनाया, जिसमें पोस्टर प्रस्तुति, भाषण, रंगोली बनाना, अपशिष्ट से सर्वश्रेष्ठ, प्रस्तुति जैसे कार्यक्रम शामिल थे। विद्यार्थियों ने विभिन्न मनोरंजक स्टालों का भी आयोजन किया। इस आयोजन का मुख्य उद्देश्य 'सतत विकास' के लिए विज्ञान और प्रौद्योगिकी के एकीकृत दृष्टिकोण के माध्यम से समाज के बीच जागरूकता पैदा करना था।

संवाद सहयोगी, फगवाड़ा : कमला नेहरू कॉलेज फार वुमैन में राष्ट्रीय विज्ञान दिवस मनाया। इस दौरान कॉलेज में पोस्टर प्रस्तुति, भाषण, रंगोली बनाना, कोलाज बनाना, आग के बिना खाना बनाना, माडल प्रस्तुति आदि प्रतियोगिताओं का आयोजन किया गया। विद्यार्थियों ने विभिन्न मनोरंजक स्टांल भी लगाए। कार्यक्रम का उद्देश्य विकास के लिए विज्ञान और प्रौद्योगिकी के एकीकृत दृष्टिकोण के बारे में छात्रों के बीच जागरूकता पैदा करना था। कार्यक्रम में लगभग 80 छात्रों ने भाग लिया। प्रिंसिपल डा.

विभिन्न प्रकार की प्रतियोगिताओं में 80 छात्रों ने लिया भाग। कार्यक्रम का उद्देश्य छात्रों में विज्ञान के प्रति जागरूकता पैदा करना। कॉलेज के प्राचार्य डॉ. सविंदर पाल ने विज्ञान विभाग के छात्रों और फैकल्टी को बधाई दी और भविष्य में भी इस तरह के आयोजन करने के लिए प्रोत्साहित किया। उन्होंने कहा कि ऐसी प्रतियोगिता से छात्रों के ज्ञान में वृद्धि होती है।

- विभिन्न प्रकार की प्रतियोगिताओं में 80 छात्रों ने लिया भाग
- कार्यक्रम का उद्देश्य छात्रों में विज्ञान के प्रति जागरूकता पैदा करना



कमला नेहरू कॉलेज फार वुमैन में राष्ट्रीय विज्ञान दिवस के मौके पर आयोजित कार्यक्रम के दौरान प्रिंसिपल डा. सविंदर पाल का स्वागत करते अच्युतकण्ण।

कमला नेहरू महिला कॉलेज में जल दिवस मनाया



फगवाड़ा | विज्ञान विभाग, कमला नेहरू महिला कॉलेज, फगवाड़ा ने पावरपॉइंट प्रेजेंटेशन, पोस्टर और नारों की ओर से विश्व जल दिवस मनाया गया। आयोजन का मुख्य उद्देश्य पीने के पानी की घटती मात्रा को जागरूक करना था। कॉलेज के प्राचार्य डॉ. सविंदर पाल ने छात्रों को प्रेरित किया और जल संरक्षण के विभिन्न तरीकों के बारे में अपने विचार सांझा किए। उन्होंने पूरे विज्ञान विभाग को भी बधाई दी।

प्रतियोगिता में छात्राओं ने दिखाई प्रतिभा

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कमला नेहरू कॉलेज में एनलिस्ट ट्रेनिंग वर्कशाप लगाई



कमला नेहरू कॉलेज में कराई एन-लिस्ट ट्रेनिंग वर्कशाप की तस्वीरें। फगवाड़ा, 28 अक्टूबर (अमनदीप) : स्थानीय कमला नेहरू कॉलेज फार वुमैन फगवाड़ा में ओरिएंटेशन प्रोग्राम के तहत सात दिवसीय 'एन-लिस्ट संघ सहयोग' ट्रेनिंग कार्यशाला का आयोजन किया गया। जिसमें 90 से भी अधिक कार्यशाला का आयोजन रूबी, कि इस एन-लिस्ट के प्रयोग से अब विश्व स्तर की पुस्तकों व पत्रिकाओं को सीधे तौर पर पढ़ने की बजाए ई-आकार के माध्यम से सरलता से पढ़ा जा सकता है। यह माध्यम अब शोधकार्य तथा प्रकाशन के क्षेत्र में और अधिक सरलता से सहायक सिद्ध हो

राष्ट्रीय विज्ञान दिवस पर कमला नेहरू कॉलेज की छात्राओं का शानदार प्रदर्शन



संवाद सहयोगी, फगवाड़ा : कमला नेहरू कॉलेज फार वुमैन में राष्ट्रीय विज्ञान दिवस के मौके पर आयोजित कार्यक्रम का शानदार प्रदर्शन।

कमला नेहरू कॉलेज में वर्कशाप करवाया



कमला नेहरू कॉलेज में आयोजित वर्कशाप के दौरान रिसोर्स पर्सन के रूप में शामिल राज खान को सम्मानित करते हुए कॉलेज प्रिंसिपल डॉ. सविंदर पाल।

कमला नेहरू कॉलेज में ग्रीन दीपावली मनाई



फगवाड़ा | विज्ञान विभाग की ओर से कमला नेहरू महिला कॉलेज में हरी दीपावली मनाई गई। हरी दिवाली का मुख्य उद्देश्य इस बार ईको फ्रेंडली दिवाली मनाना है। विज्ञान विभाग के विद्यार्थियों ने रंगोली बनाकर विभाग की सफाई की। कॉलेज के प्राचार्य डॉ. सविंदर पाल ने कार्यक्रम की सराहना की और विज्ञान विभाग के पूरे संकाय को बधाई दी।

